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Also, the figure 2 was cited from "High Resolution Transmission Molecular Absorption Data Base" issued by Air Force Geophysics Laboratory of U.S.A. in 1986.

**In the Claims**

Please amend claims 7-10 to read as follows.

7.(AMENDED) The spectroscopic method for analyzing isotopes according to claim 3, wherein said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$ ; and said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of following wavelengths  
(a wavelength of isotope  $^{12}\text{CO}_2(\text{nm})$ ):(a wavelength of isotope  $^{13}\text{CO}_2(\text{nm})$ )

2054.37	:	2053.96
2044	:	2044.49
2035.34	:	2035.63
2010.18	:	2010.29
2002.51	:	2002.54
1995.99	:	1996.10

and a abundance ratio is measured by an absorbance in accordance with said a respective pair of wavelengths.

8.(AMENDED) The spectroscopic method for analyzing isotopes according to claim 4, wherein

said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$ ; and

said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of following wavelengths

(a wavelength of isotope  $^{12}\text{CO}_2(\text{nm})$ ):(a wavelength of isotope  $^{13}\text{CO}_2(\text{nm})$ )

2054.37	:	2053.96
2044	:	2044.49

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2035.34	:	2035.63
2010.18	:	2010.29
2002.51	:	2002.54
1995.99	:	1996.10

and a abundance ratio is measured by an absorbance in accordance with said a respective pair of wavelengths.

9.(AMENDED) The spectroscopic method for analysing isotopes according to claim 5, wherein said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$ ; and said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of following wavelengths

(a wavelength of isotope  $^{12}\text{CO}_2(\text{nm})$ ):(a wavelength of isotope  $^{13}\text{CO}_2(\text{nm})$ )

2054.37	:	2053.96
2044	:	2044.49
2035.34	:	2035.63
2010.18	:	2010.29
2002.51	:	2002.54
1995.99	:	1996.10

and a abundance ratio is measured by an absorbance in accordance with said a respective pair of wavelengths.

10.(AMENDED) The spectroscopic method for analyzing isotopes according to claim 6, wherein

said isotopes of carbon dioxide gas as sample gas are  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$ ; and said  $^{12}\text{CO}_2$  and  $^{13}\text{CO}_2$  have pairs of following wavelengths

(a wavelength of isotope  $^{12}\text{CO}_2(\text{nm})$ ):(a wavelength of isotope  $^{13}\text{CO}_2(\text{nm})$ )

2054.37	:	2053.96
2044	:	2044.49
2035.34	:	2035.63
2010.18	:	2010.29
2002.51	:	2002.54
1995.99	:	1996.10